

Patent Abstracts of Japan

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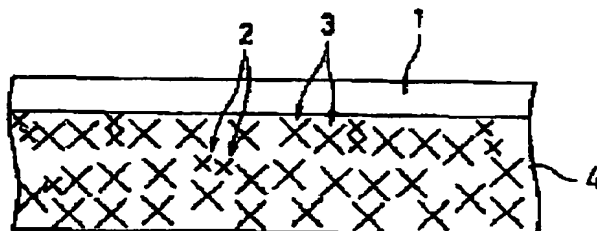
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TITLE : FRP MOLDED ITEM AND
PREPARATION THEREOF



ABSTRACT : PURPOSE: To prepare conveniently and easily an FRP molded item with excellent appearance and strength' by providing an FRP reinforcing layer consisting of two reinforcing fiber each with a different length and a heatcurable resin on the rear side of a gel coat resin layer.

CONSTITUTION: An FRP reinforcing layer 4 consisting of a reinforcing fiber 2 with a length of 2-10mm, a reinforcing fiber 3 with a length of 25-50mm and a heatcurable resin, e.g. an unsatd. polyester resin etc., is provided on the rear side of a gel coat resin layer 1. In this case, the mixing ratio of the reinforcing fibers 2 and 3 each with a length of 2-10mm and 25-50mm in the FRP reinforcing layer 4, it is pref. that the shorter reinforcing fiber 2 of 10-20wt.% and the longer reinforcing fiber 3 of 80-90wt.% are used. In addition, it is also possible to laminate the FRP reinforcing layer 4 by performing spray coating wherein both longer and shorter reinforcing fibers and the heatcurable resin are simultaneously sprayed on the surface of the gel coat resin layer 1.

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